

SILVER BROOK SOLAR

RENEWABLE ENERGY SOLUTIONS

Prepared For:

Colchester Public Schools
May 23, 2023



About Us



Who We Are: Silver Brook Solar is a Montville, Connecticut-based company. We are a small team of passionate renewable energy consultants and project originators who bring the benefits of the nation's green energy transition to Connecticut towns.

What We Do: We secure renewable energy incentives for local governments through our physical portfolio of solar projects. We also originate and develop local solar and battery storage projects—from initial energy audit through "permission to operate" certification, and everything in-between.

Who We Service: State, Agricultural, or Municipal (SAM) customers within the State of Connecticut with Eversource or United Illuminating electrical accounts.

Contact Us:

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NRES SAM Program Overview



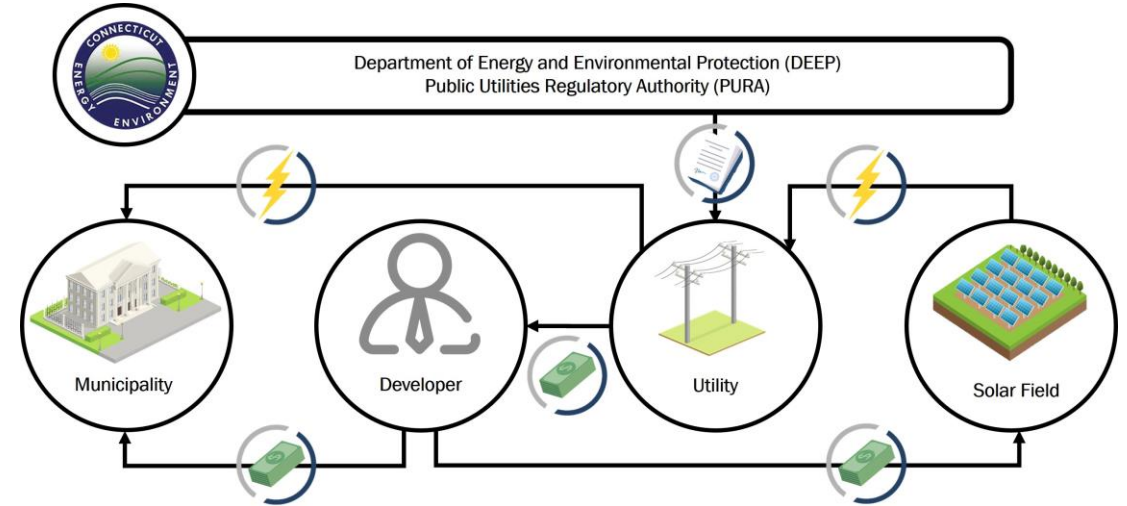
Program: Connecticut's Non-Residential Renewable Energy Solutions (NRES) program incentivizes renewable energy projects. The program is statutorily authorized to run for six (6) years starting in 2022 and to select up to sixty (60) MW of clean energy annually.

Purpose: Foster the sustained, orderly development of the state's class I renewable energy industry.

How it Works: Developers pair their renewable energy projects to State, Agricultural, or Municipal (SAM) electrical accounts. Electrical distribution companies purchase the power at the bid price. Developers return a portion of the revenue to the account holder.

How the Municipality Benefits: The municipality receives a one-time lump sum payment or a 20-year annuity.

Program Mechanics:



Program Links:

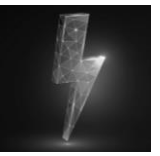
<https://portal.ct.gov/pura/electric/office-of-technical-and-regulatory-analysis/clean-energy-programs/non-residential-renewable-energy-solutions-program>

<https://www.eversource.com/content/business/save-money-energy/clean-energy-options/connecticut-non-residential-renewable-energy-solutions>



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Services Agreement Proposal



Proposal: Assign the following Town of Colchester and Colchester Public Schools accounts to Silver Brook renewable energy production projects currently under development.

Cost to Town/BOE: None

Town/School Revenue: \$15-cents per watt-DC of the clean energy facility

Lump Sum (actual payment) – **\$649,999.95**

(To Town: approx \$214,889.98) (To Schools: approx **\$435,109.97**)

20-year Annuity (estimated) – **\$1,600,082.00**

(To Town: approx \$528,987.11)

(To Schools: approx **\$53,554.74** per yr / **\$1,071,094.89** total over 20 yrs)

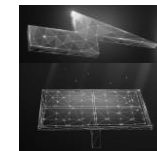
* Notes: Lump sum paid in full within one year of solar facility operation. Annuity paid quarterly over 20 years, starting year one of solar facility operation and based on actual usage. The estimated payment presented above will be reduced if less energy is used.

ACCOUNT	2018	2019	2020	2021	2022	PEAK KWH
51572603009	1,559,793	1,458,000	1,164,960	1,015,920	1,035,360	1,559,793
51895013001	1,053,030	993,600	732,240	897,120	973,440	1,053,030
51044208015	720,000	894,805	719,040	754,560	788,160	894,805
51642134092	818,640	779,760	656,640	786,240	771,120	818,640
51276934015	580,554	581,706	440,640	446,016	447,936	581,706
51671003051	452,988	413,472	329,184	393,504	342,528	452,988
51280503053	325,323	303,360	301,760	323,040	298,560	325,323
51553903055	157,365	156,640	140,160	146,880	154,720	157,365
51507792042	133,786	126,412	126,594	110,043	120,685	133,786
51130203052	85,040	87,440	92,000	95,680	95,200	95,680
51321492019	72,234	61,903	61,332	67,031	79,572	79,572
51975903063	51,840	48,384	48,576	55,488	61,056	61,056
51057792012	-	-	-	5,760	11,040	11,040
51972992044	44,800	22,720	13,760	27,840	24,640	44,800
51462392069	42,600	44,320	45,040	32,880	23,280	45,040
51990103095	32,929	31,141	18,976	40	20,300	32,929
51229392063	20,047	18,760	14,940	17,940	19,340	20,047
51719534042	17,830	15,384	11,667	18,792	19,340	19,340
51160492070	26,862	22,730	16,137	13,594	14,742	26,862
51044903052	10,204	8,999	6,719	9,693	8,857	10,204
51150992097	7,403	5,755	4,449	6,536	6,927	7,403
51702492059	6,290	9,185	8,527	8,721	5,803	9,185
51183292044	5,616	5,616	5,616	5,616	5,616	5,616
51229892013	59	213	322	1,953	5,185	5,185
51841392012	5,841	5,776	4,219	3,307	4,507	5,841
51082436072	5,792	6,016	3,910	2,896	4,063	6,016
51008392011	6,592	5,881	2,600	3,744	3,707	6,592
51991603093	2,418	2,294	2,068	2,300	3,369	3,369
51259503035	6,462	9,486	8,835	5,614	2,948	9,486
51465688026	-	198	2,376	2,376	2,376	2,376
51752103085	2,208	2,208	2,207	2,207	2,208	2,208
51723503017	2,794	1,345	1,522	1,569	1,476	2,794
51673292066	880	1,240	800	580	720	1,240
51855292074	615	583	585	583	583	615
HIGH YEAR TOTAL						6,491,931

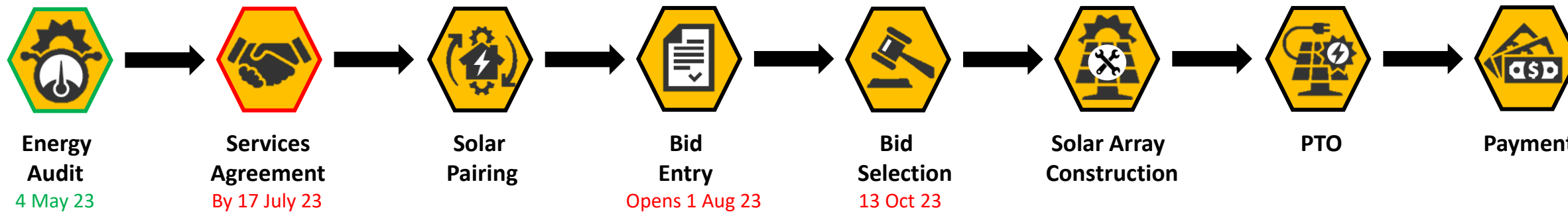


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Next Steps



Services Agreement



Legend:

 Complete  To be completed by BOE  To be completed by SBS



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Questions

